

AMENDMENTS TO THE CLAIMS:

Applicants have canceled claim 10 without prejudice or disclaimer; amended claims 1-9 and 11-30 and added new claims 31 and 32. Claims 1-32 are currently pending.

Claim 1 (Currently Amended): An information generating ~~apparatus, characterized by~~ apparatus comprising adding device for adding change copy control information and normal copy control information to an information signal, the change copy control information being used when a changing operation for changing quality of the information signal is performed, the normal copy control information being used when the changing operation is not performed.

Claim 2 (Currently Amended): The information generating apparatus according to claim 1, ~~characterized in that~~ wherein the changing operation is quality degradation for degrading the quality of the information signal.

Claim 3 (Currently Amended): The information generating apparatus according to claim 1, ~~characterized in that~~ wherein the information signal includes at least image information, and the changing operation is enlargement for scaling up an image corresponding to the image information or a reduction for scaling down the image.

Claim 4 (Currently Amended): The information generating apparatus according to claim 3, ~~characterized in that~~ wherein the changing operation is enlargement or a reduction and superimposition of another image information on the image information having been subjected to enlargement or a reduction.

Claim 5 (Currently Amended): The information generating apparatus according to claim 1, ~~characterized in that~~ wherein the changing operation is superimposition of advertisement information on the information signal.

Claim 6 (Currently Amended): The information generating apparatus according to claim 1, ~~characterized in that~~ wherein the changing operation is a reducing operation for reducing an amount of data of the information signal.

Claim 7 (Currently Amended): The information generating apparatus according to claim 1, ~~characterized in that~~ wherein the change copy control information includes a restrictive condition for copying, the condition being more moderate than a restrictive condition for copying of the normal copy control information.

Claim 8 (Currently Amended): The information generating apparatus according to claim 1, ~~characterized in that~~ wherein the adding device embeds the change copy control information and the normal copy control information in the information signal by using digital watermarking.

Claim 9 (Currently Amended): An information reproducing apparatus for reproducing an information signal, to which change copy control information and normal copy control information are added, the change copy control information being used when a changing operation for changing quality of the information signal is performed, the normal copy control information being used when the changing operation is not performed,

the apparatus ~~characterized by~~ comprising:

changing device for performing the changing operation, and

setting device for, when the changing operation is performed and the information signal is reproduced, setting copy control information included in the reproduced information signal at a value indicated the change copy control information.

Claim 10 (Canceled).

Claim 11 (Currently Amended): The information reproducing apparatus according to claim 9, ~~characterized in that~~ wherein when the information signal is reproduced without the changing operation, the setting device sets, as the contents of the normal copy control information, the contents of the copy control information included in the reproduced information signal.

Claim 12 (Currently Amended): An information reproducing apparatus for reproducing an information signal added with change information indicating whether a changing operation for changing quality of the information signal is performed or not, change copy control information being used when the changing operation is performed and normal copy control information being used when the changing operation is not performed,

the reproducing ~~apparatus, characterized by~~ apparatus comprising:

detecting device for detecting the change information,

deciding device for deciding whether the quality is changed or not according to the detected change information, and

setting device for setting, when the quality is changed, copy control information included in the reproduced information signal at a value indicated the change copy control information.

Claim 13 (Currently Amended): An information recording apparatus for recording an information signal, to which change copy control information and normal copy control information are added, the change copy control information being used when a changing operation for changing quality of the information signal is performed, the normal copy control information being used when the changing operation is not performed, on an information recording medium,

the recording ~~apparatus, characterized by~~ apparatus comprising:

changing device for performing the changing operation,

selecting device for selecting a kind of the changing operation capable of recording the information signal on the recording medium, and

recording device for recording the information signal on the recording medium, the information signal having been changed in quality by the selected changing operation.

Claim 14 (Currently Amended): An information recording apparatus for recording an information signal, to which change copy control information and normal copy control information are added, the change copy control information being used when a changing operation for changing quality of the information signal is performed, the normal copy control information being used when the changing operation is not performed, on a recording medium,

the recording ~~apparatus, characterized by~~ apparatus comprising:

changing device for performing the changing operation,

first recording device for recording the information signal changed in quality on the recording medium, and

second recording device for recording change information on the recording medium, the change information indicating that the quality of the information signal is changed.

Claim 15 (Currently Amended): An information generating ~~method, characterized by~~ method comprising:

an adding process of adding change copy control information and normal copy control information to the information signal, the change copy control information being used when a changing operation for changing quality of the information signal is performed, the normal copy control information being used when the changing operation is not performed.

Claim 16 (Currently Amended): An information reproducing method for reproducing an information signal, to which change copy control information and normal copy control information are added, the change copy control information being used when a changing operation for changing quality of the information signal is performed, the normal copy control information being used when the changing operation is not performed,

the reproducing ~~method, characterized by~~ method comprising:

a changing process of performing the changing operation, and

a setting process of, when the changing operation is performed and the information signal is reproduced, setting copy control information included in the reproduced information signal at a value indicated the change copy control information.

Claim 17 (Currently Amended): An information reproducing method for reproducing an information signal added with change information indicating whether a changing operation for changing quality of the information signal is performed or not, change copy control information being used when the changing operation is performed and normal copy control information being used when the changing operation is not performed,

the reproducing ~~method, characterized by~~ method comprising:

a detecting process of detecting the change information,
a deciding process of deciding whether the quality is changed or not according to the detected change information, and
a setting process of setting, when the quality is changed, copy control information included in the reproduced information signal at a value indicated the change copy control information.

Claim 18 (Currently Amended): An information recording method for recording an information signal, to which change copy control information and normal copy control information are added, the change copy control information being used when a changing operation for changing quality of the information signal is performed, the normal copy control information being used when the changing operation is not performed, on an information recording medium,

the recording ~~method, characterized by~~ method comprising:
a changing process of performing the changing operation,
a selecting process of selecting a kind of the changing operation capable of recording the information signal on the recording medium, and
a recording process of recording the information signal on the recording medium, the information signal having been changed in quality by the selected changing operation.

Claim 19 (Currently Amended): An information recording method for recording an information signal, to which change copy control information and normal copy control information are added, the change copy control information being used when a changing

operation for changing quality of the information signal is performed, the normal copy control information being used when the changing operation is not performed, on a recording medium,

the recording ~~method, characterized by~~ method comprising:

a changing process of performing the changing operation,

a first recording process of recording the information signal changed in quality on the recording medium, and

a second recording process of recording change information on the recording medium, the change information indicating that the quality of the information signal is changed.

Claim 20 (Currently Amended): A copyright protecting method for protecting a copyright of an information signal by adding, to the information signal, copy control information for restricting copying of the information signal,

~~[characterized in that]~~ wherein the copy control information includes change copy control information being used when a changing operation for changing quality of the information signal is performed and normal copy control information being used when the changing operation is not performed.

Claim 21 (Currently Amended): An information generating program ~~characterized by~~ causing a generating computer included in an information generating apparatus to act as adding device for adding change copy control information and normal copy control information to an information signal, the change copy control information being used when a changing operation for changing quality of the information signal is performed, the normal copy control information being used when the changing operation is not performed.

Claim 22 (Currently Amended): An information reproducing program for a reproducing computer included in an information reproducing apparatus for reproducing an information signal, to which change copy control information and normal copy control information are added, the change copy control information being used when a changing operation for changing quality of the information signal is performed, the normal copy control information being used when the changing operation is not performed, the reproducing program ~~characterized by~~ causing the reproducing computer to act as:

changing device for performing the changing operation, and

setting device for, when the changing operation is performed and the information signal is reproduced, setting copy control information included in the reproduced information signal at a value indicated the change copy control information.

Claim 23 (Currently Amended): An information reproducing program for a reproducing computer included in an information reproducing apparatus for reproducing an information signal added with change information indicating whether a changing operation for changing quality of the information signal is performed or not, change copy control information being used when the changing operation is performed and normal copy control information being used when the changing operation is not performed,

the reproducing program ~~characterized by~~ causing the reproducing computer to act as:

detecting device for detecting the change information,

deciding device for deciding whether the quality is changed or not according to the detected change information, and

setting device for setting, when the quality is changed, copy control information included in the reproduced information signal at a value indicated the change copy control information.

Claim 24 (Currently Amended): An information recording program for a recording computer included in an information recording apparatus for recording an information signal, to which change copy control information and normal copy control information are added, the change copy control information being used when a changing operation for changing quality of the information signal is performed, the normal copy control information being used when the changing operation is not performed, on an information recording medium,

the recording program ~~characterized by~~ causing the recording computer to act as:

changing device for performing the changing operation,

selecting device for selecting a kind of the changing operation capable of recording the information signal on the recording medium, and

recording device for recording the information signal on the recording medium, the information signal having been changed in quality by the selected changing operation.

Claim 25 (Currently Amended): An information recording program for a recording computer included in an information recording apparatus for recording an information signal, to which change copy control information and normal copy control information are added, the change copy control information being used when a changing operation for changing quality of the information signal is performed, the normal copy control information being used when the changing operation is not performed, on a recording medium,

the recording program characterized by causing the recording computer to act as:

changing device for performing the changing operation,

first recording device for recording the information signal changed in quality on the recording medium, and

second recording device for recording change information on the recording medium, the change information indicating that the quality of the information signal is changed.

Claim 26 (Currently Amended): An information recording medium, ~~characterized in that~~ wherein the information generating program of claim 21 is recorded so that the program is read by the generating computer.

Claim 27 (Currently Amended): An information recording medium, ~~characterized in that~~ wherein the information reproducing program of claim 22 [[or 23]] is recorded so that the program is read by the reproducing computer.

Claim 28 (Currently Amended): An information recording medium, ~~characterize in that~~ wherein the information reproducing program of claim 24 [[or 25]] is recorded so that the program is read by the recording computer.

Claim 29 (Currently Amended): A recording ~~medium, characterized by~~ medium comprising an information recording area for recording an information signal added with change copy control information used when a changing operation for changing quality of the information signal is performed and normal copy control information used when the changing operation is not performed.

Claim 30 (Currently Amended): The recording medium according to claim 29, wherein the information signal further added with change information indicating whether quality of an information signal is changed or not.

Claim 31 (New): An information recording medium, wherein the information reproducing program of claim 23 is recorded so that the program is read by the reproducing computer.

Claim 32 (New): An information recording medium, wherein the information reproducing program of claim 25 is recorded so that the program is read by the recording computer.